



Supplemental Information

Characterization of airborne particles emitted during application of cosmetic talc products.

Pat E. Rasmussen ^{1,2*}, Christine Levesque ¹, Jianjun Niu ¹, Howard D. Gardner ², Gregory Nilsson ³ and Kristin Macey ⁴

¹ Environmental Health Science and Research Bureau, HECSB, Health Canada, 50 Colombyne Drive, Ottawa, Ontario K1A 0K9, Canada.

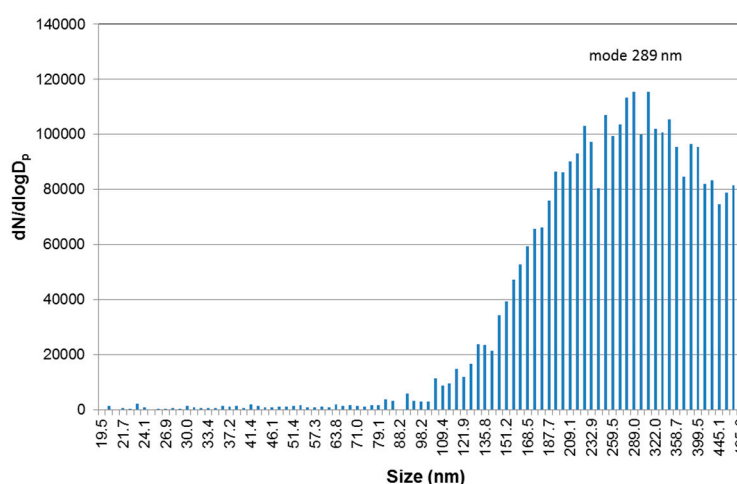
² Earth and Environmental Sciences Department, University of Ottawa, Ottawa, Ontario K1N 6N5, Canada.

³ Construction Research Center, National Research Council of Canada, 1200 Montreal Road, Ottawa, Ontario K1A 0R6, Canada.

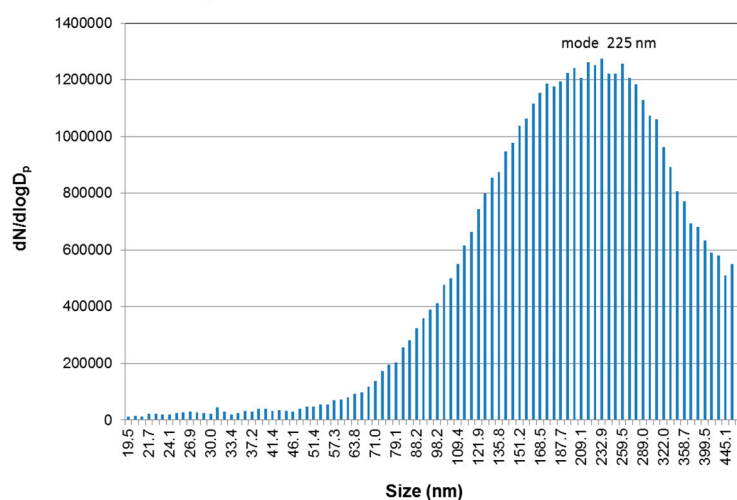
⁴ Existing Substances Risk Assessment Bureau, HECSB, Health Canada, 269 Laurier Ave W., Ottawa, Ottawa, Ontario K1A 0P8, Canada.

* Correspondence: pat.rasmussen@canada.ca

SMPS Baby Powder



SMPS Adult Body Powder #1



SMPS Adult Body Powder #2

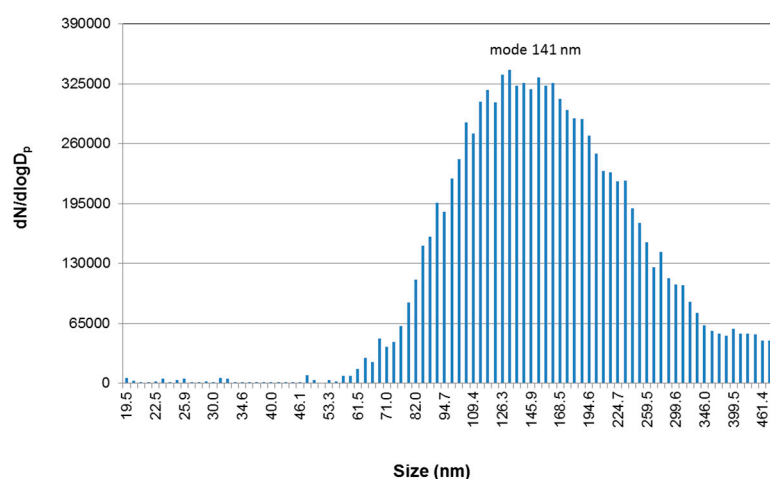
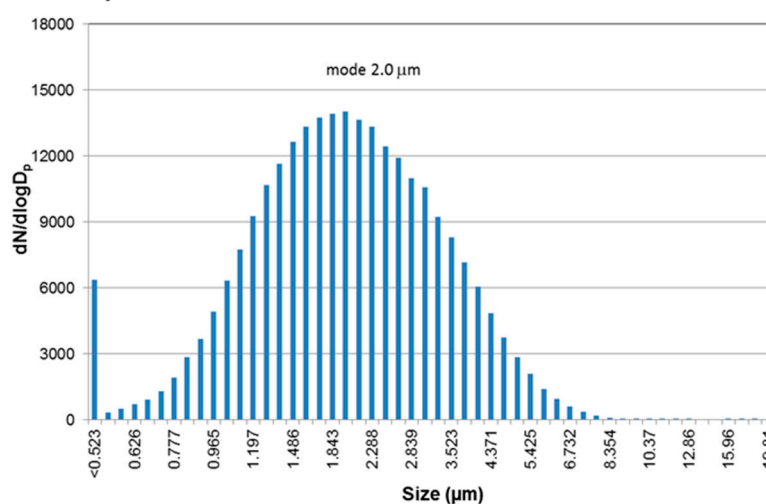
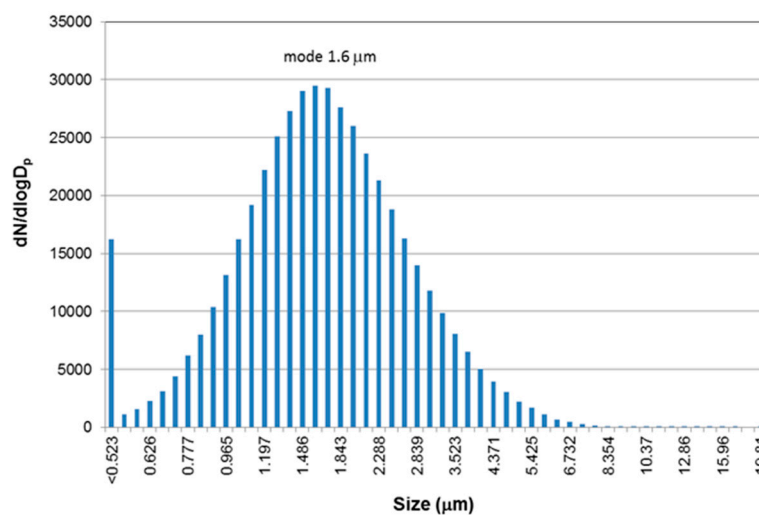


Figure S1. Particle size distribution ($\#/cm^3$) of cosmetic talc products described in Table 2 using SMPS ($<0.5 \mu m$ size range) for the baby powder and two adult body powder products.

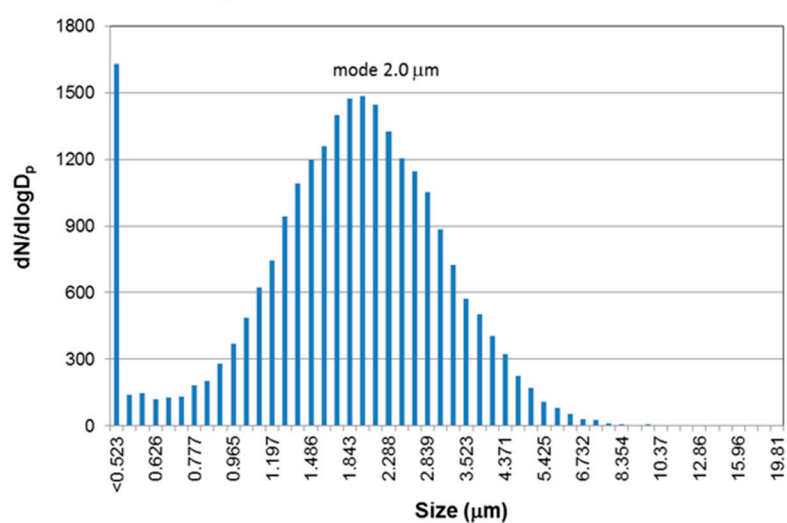
APS Baby Powder



APS Adult Body Powder #1



APS Adult Body Powder #2



APS Face Powder

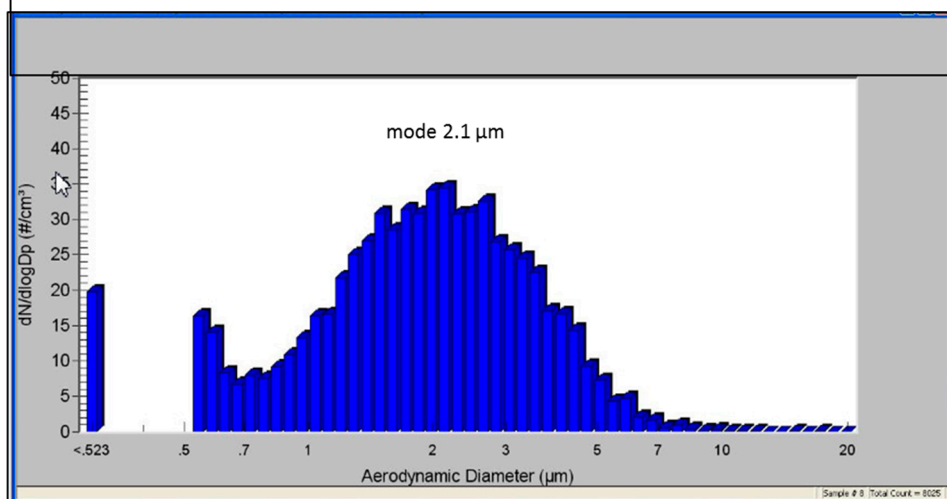


Figure S2. Particle size distribution ($\#/ \text{cm}^3$) of cosmetic talc products described in Table 2 using APS ($\geq 0.5 \mu\text{m}$ size range) for all four products.